

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/011591

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B62D25/14 B62D29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B62D B60H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y | DE 100 03 575 A1 (BEHR GMBH & CO) 2 August 2001 (2001-08-02) abstract; figure 5 | 1-3,7,9 |
| Y | US 2002/153750 A1 (FEITH THOMAS ET AL) 24 October 2002 (2002-10-24) abstract; claims 1,9 | 1-3,7,9 |
| A | EP 1 149 679 A (NEO-EX LAB. INC) 31 October 2001 (2001-10-31) abstract | 1-9 |
| A | PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06, 30 June 1997 (1997-06-30) & JP 09 033003 A (BABCOCK HITACHI KK), 7 February 1997 (1997-02-07) abstract | 1-9 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the International search

21 February 2005

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03/03/2005

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|---|-----------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | US 4 852 831 A (SANDSTROM ET AL) 1 August 1989 (1989-08-01) abstract | 1-9 |
| A | US 6 199 940 B1 (HOPTON GREGORY W ET AL) 13 March 2001 (2001-03-13) abstract; figures 1-3 | 1-9 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011591

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|-----------------------------|----------------------------|
| DE 10003575 | A1 | 02-08-2001 | AT 273824 T 15-09-2004 |
| | | AU 1276301 A 07-08-2001 | |
| | | BR 0016999 A 29-10-2002 | |
| | | DE 50007521 D1 23-09-2004 | |
| | | WO 0154964 A1 02-08-2001 | |
| | | EP 1254043 A1 06-11-2002 | |
| | | JP 2003520736 T 08-07-2003 | |
| US 2002153750 | A1 | 24-10-2002 | DE 10064522 A1 21-03-2002 |
| | | AT 271488 T 15-08-2004 | |
| | | AU 1047602 A 22-03-2002 | |
| | | DE 50102920 D1 26-08-2004 | |
| | | WO 0220334 A1 14-03-2002 | |
| | | EP 1233900 A1 28-08-2002 | |
| | | JP 2004508243 T 18-03-2004 | |
| EP 1149679 | A | 31-10-2001 | JP 2002012167 A 15-01-2002 |
| | | EP 1149679 A2 31-10-2001 | |
| | | US 2001042353 A1 22-11-2001 | |
| JP 09033003 | A | 07-02-1997 | NONE |
| US 4852831 | A | 01-08-1989 | NONE |
| US 6199940 | B1 | 13-03-2001 | AU 3452901 A 07-08-2001 |
| | | CA 2382131 A1 02-08-2001 | |
| | | EP 1122153 A2 08-08-2001 | |
| | | JP 2003535237 T 25-11-2003 | |
| | | MX PA02007341 A 28-01-2003 | |
| | | WO 0154935 A1 02-08-2001 | |